
Subject: Re: readf,1,format=

Posted by [Vince Hradil](#) on Sun, 09 Dec 2007 15:49:40 GMT

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On Dec 9, 8:50 am, woo...@interia.pl wrote:

```
> sorry a type error but nothing change when i use FMTP for both
> (FMT is quite similar)
>
> function read_local ,file
> FMT=
> '(I5,2X,D13.8,2X,D13.8,3X,F8.2,3X,F8.2,3X,F7.2,3X,F7.2,3X,F6
> .2,3X,F6.2,3X,F6.2,3X,F6.2,4X,F6.2,3X,F6.2,3X,F6.2,2X,F6.2)'
>   spawn, ['wc', '-l', file], result, /noshell
>   nlines = long(result(0))
>   ttab = MAKE_ARRAY(nlines-5,15,/DOUBLE)
>   OPENR,1,file
>   line=""
>   readf,1,line
>   for i=1,nlines-5 do begin
>       READF,1,FORMAT=FMT, n,ra,dec, l1,l2,l3,l4,l5,l6,l7,l8,l9,l10,l11,l12
>       ttab[i-1,0]=n & ttab[i-1,1]=ra & ttab[i-1,2]=dec
>       ttab[i-1,3]=l1 & ttab[i-1,4]=l2 & ttab[i-1,5]=l3
>       ttab[i-1,6]=l4 & ttab[i-1,7]=l5 & ttab[i-1,8]=l6
>       ttab[i-1,9]=l7 & ttab[i-1,10]=l8 & ttab[i-1,11]=l9
>       ttab[i-1,12]=l10 & ttab[i-1,13]=l11 & ttab[i-1,14]=l12
>   endfor
>   CLOSE , 1
>   print,FORMAT=FMT,ttab[0,*]
>   RETURN,ttab
> end
```

1) I would avoid using l (el) in variable names - hard to read
2) I would use file_lines to count the number of lines
3) I would define a structure and read each line in separately:
ttab = replicate({n:0,ra:0.0D,dec:0.0D,array:fltarr(12)},nlines)
for i=0L, nlines-5 do readf, lun, ttab[i]

Hope this helps!
